

APPENDIX E. PHOTOMETRIC PLAN

A. Photometric Plan. A photometric plan includes the following:

1. Photometric calculations detailing all exterior security lighting, shall be submitted and provided on a fifty percent (50%) screened landscape plan that has been approved by the Design Review Board, drawn on twenty four (24) inch by thirty six (36) inch format prepared to scale. Point to point photometric calculations shall be calculated at intervals of not more than ten (10) feet at ground level and may also be required at six (6) feet above finish grade;
2. Include light fixture schedule on photometric plan;
3. A copy of all cut sheets for light fixtures shall be submitted and marked as to which information and data applies to the specific luminaire, including the lamp manufacturer; and
4. Photometric calculations shall be based on the "mean" light output per the manufacturer's of the specified lamp, including ballast depreciation and contamination factors. Light Loss Factor (LLF) shall be calculated at .68 for Metal Halide (MH) and .72 for High Pressure Sodium (HPS). All luminary photometric data formatted in accordance with the Illumination Engineering Society (I.E.S.) file compiled by an approved testing laboratory.